



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145b)
Post Office Box 6898
Elmendorf AFB, Alaska 99506-6898

PUBLIC NOTICE DATE: 7 May 2004

EXPIRATION DATE: 7 June 2004

REFERENCE NUMBER: POA-2004-649-4

WATERWAY NUMBER: Jim River

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: Phillips Transportation Alaska, Inc.; BP Pipelines (Alaska), Inc.; ExxonMobil Pipeline Company; Williams Alaska Pipeline Company, LLC; Unocal Pipeline Company, 1835 South Bragaw Street, Anchorage, Alaska 99512-3438.

LOCATION: At milepost 271 of the TAPS near Pump Station 5 and 35 miles south of Coldfoot; Latitude 66°50'39"N., Longitude 150°34'45"W.; Section 3, Township 23 North, Range 14 West, Fairbanks Meridian.

WORK: The applicant proposes to place 650 cubic yards of unclassified gravel and 1,150 cubic yards of Class III rip rap into 0.15 acres below the ordinary high waterline of the Jim River to construct a 500 foot long vegetated revetment.

PURPOSE: To protect the Trans-Alaska Pipeline from additional river erosion and enhance fisheries habitat for juvenile Coho and Chinook salmon.

ADDITIONAL INFORMATION: The authorized agent for this project is Mr. Peter C. Nagel, Alyeska Pipeline Service Company, Post Office Box 196660, Anchorage, Alaska 99519-6660, (907) 787-8170.

To protect the vegetative layer that overlies the thaw unstable soils at the project site, construction will begin by placing tundra mats from the pipeline workpad to the bank of the Jim River. Equipment will then cross the river and construct a pilot channel on the west side of an existing point bar, leaving gravel plugs on the upstream and downstream ends. The water will be diverted by constructing a cofferdam with one cubic yard gravel bags and visquine and removal of the downstream plug and then the upstream plug. The dewatered channel will then be inspected for stranded fish. Any stranded fish will be captured and relocated to the active channel.

The core of the revetment will be constructed by excavating the point bar and sloping it to the top of the existing bank. Once the slope is completed, a layer of willows will be installed on the top of the bank and covered with a layer of soil. Once the slope is completed the apron will be installed along the length of the revetment. During construction of the apron, duckbill anchors will be

installed at field determined locations to be used later in the project to secure spruce trees as fish habitat structures. After the apron is complete the core will be covered with filter fabric and covered with a layer of rip rap approximately three feet thick. To prevent outflanking at high flows, several live dikes consisting of buried rip rap and willow cuttings will be installed at several locations on the top of the new bank. Spruce trees will then be installed along the toe of the revetment and secured by cabling the trees to the previously installed duckbill anchors. The top of the new bank will then be seeded with an annual grass and the channel adjacent to the new revetment will be shaped to match the natural channel dimensions.

The total volume of fill will be 1,000 cubic yards of gravel and 1,500 cubic yards of rip rap with a footprint of 0.28 acres. After revetment is completed, the gravel bags will be removed from the channel, the water re-diverted and the pilot channel will be re-contoured. Construction will begin in June of 2004 and is expected to take 30 days to complete.

MITIGATION: As a result of early project planning, the applicant has proposed to save and transplant willows to reduce impacts to the aquatic environment. At the completion of the project, any mature willows removed from the disturbed bank during construction will be transplanted on top of the revetment. In addition the project is intended to reduce the amount of sediment being introduced to salmon rearing and spawning habitat.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

ENDANGERED SPECIES: Preliminarily, the described activity will not affect

threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. et seq and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS).

We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of

the record and be considered in the decision. Please contact Ms. Alicia M. Hill at (907) 753-2716, toll free from within Alaska at (800) 478-2712, or by email at Alicia.M.Hill@poa02.usace.army.mil if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authorities:

(X) Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

A plan and Notice of Application for State Water Quality Certification are attached to this Public Notice.

District Engineer
U.S. Army, Corps of Engineers

Attachments

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER

401 Certification Program

Non-Point Source Water Pollution Control Program

NOTICE OF APPLICATION FOR STATE WATER QUALITY CERTIFICATION

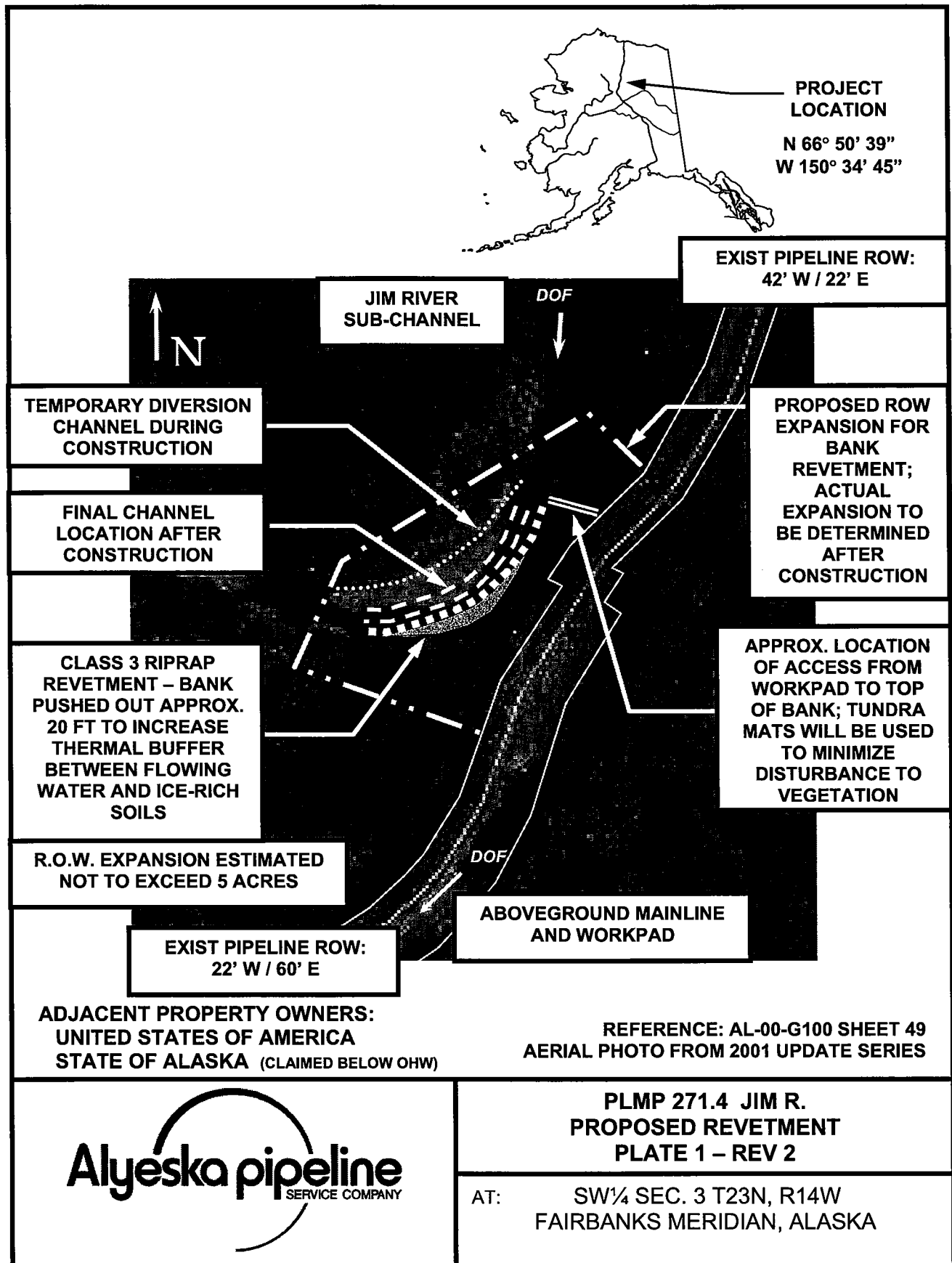
Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

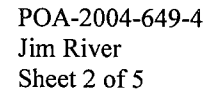
Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. POA-2004-649-4, Jim River, serves as application for State Water Quality Certification from the Department of Environmental Conservation.

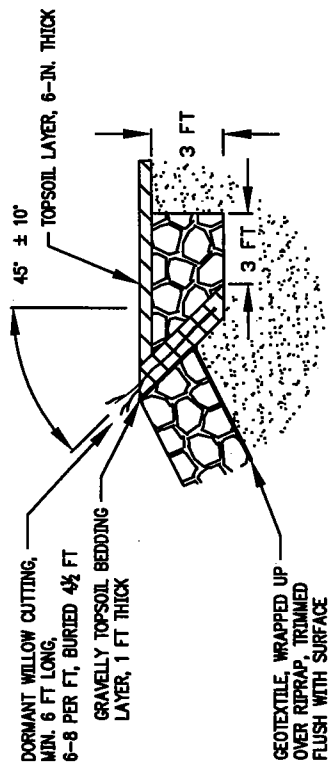
After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

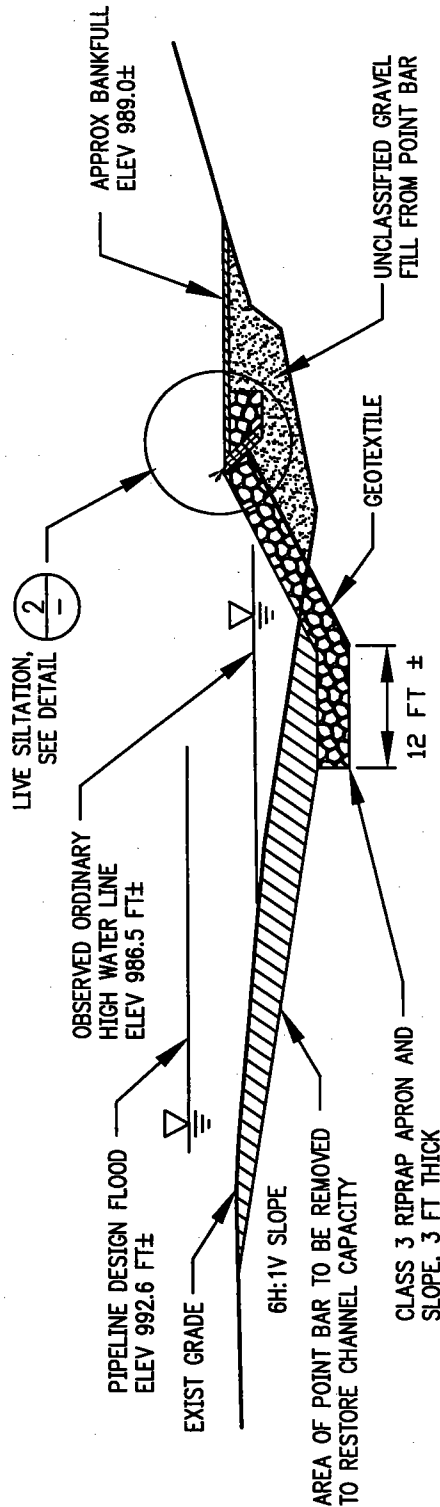
Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-7564
FAX: (907) 269-7508







DETAIL
SCALE: NTS



SECTION
SCALE: NTS

APPROX. QUANTITIES:	BELOW OHW	ABOVE OHW	TOTAL
REVTMENT/FILL FOOTPRINT:	0.15 ACRES	0.13 ACRES	0.28 ACRES
FOOTPRINT OF POINT BAR EXCAVATION:	0.14 ACRES	0.14 ACRES	0.28 ACRES
UNDESIRABLE MATERIAL EXCAVATION:	1,450 CY	250 CY	1,700 CY
APRON/POINT BAR EXCAVATION:	650 CY	350 CY	1,000 CY
UNCLASSIFIED FILL:	1,150 CY	350 CY	1,500 CY
CLASS III RIPRAP:			

- NOTES: 1. SURVEY AND TOPOGRAPHIC DATA TAKEN FROM OT DWG 271A1003 X-SECT 5.
2. LIVE SILTATION WILL BE INSTALLED CONTINUOUSLY ALONG THE SHOULDER OF THE REVTMENT.
3. DRESS SLOPE TO 2H:1V BEFORE PLACING GEOTEXTILE AND RIPRAP.

PLMP 271.5 JIM RIVER
PROPOSED REVTMENT
TYPICAL SECTION

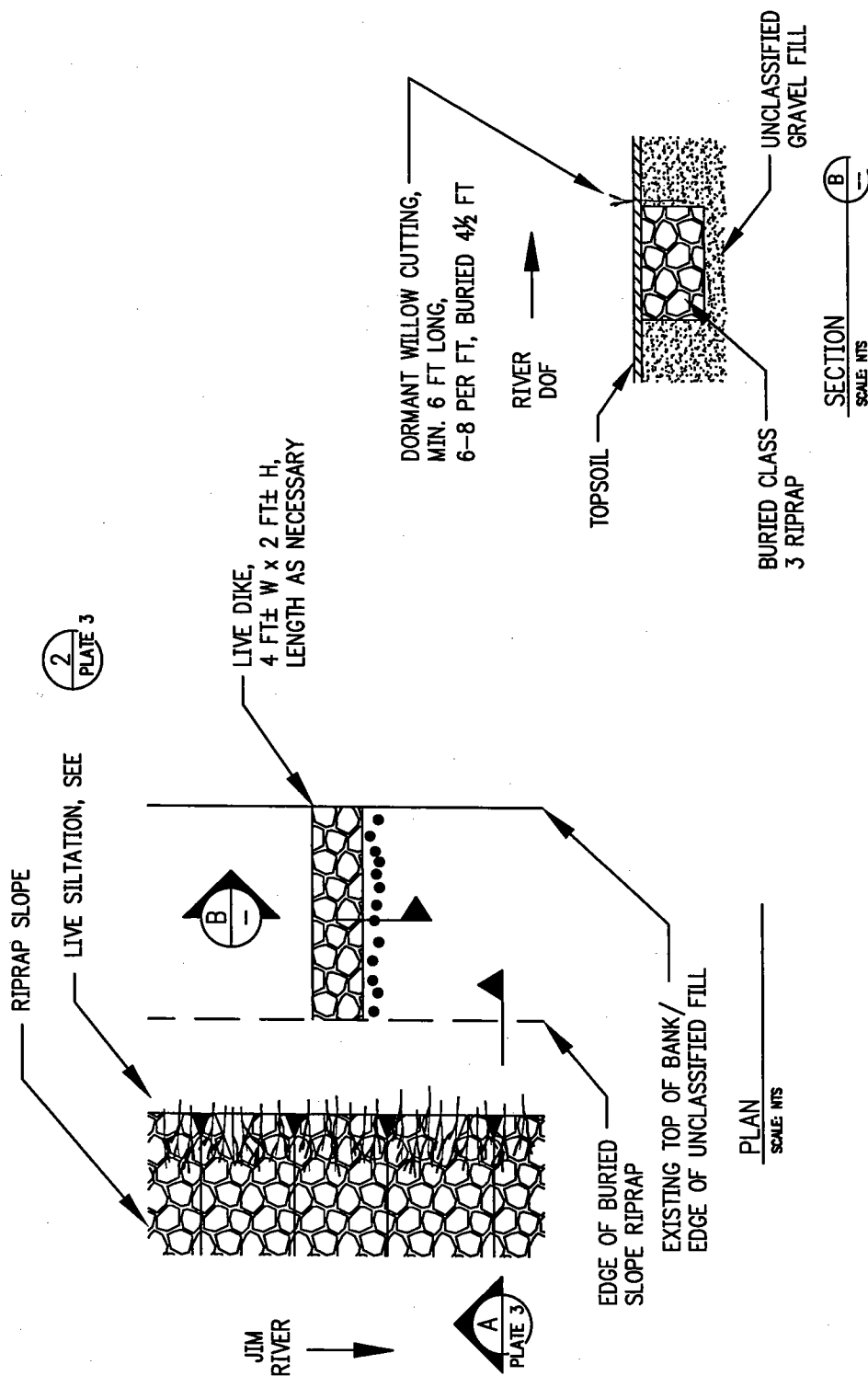
Alyeska pipeline
SERVICE COMPANY

AT:
SEC. 3, T23N, R14W
FAIRBANKS MERIDIAN, ALASKA

PLATE 3

DATE: APR 04

REV 1

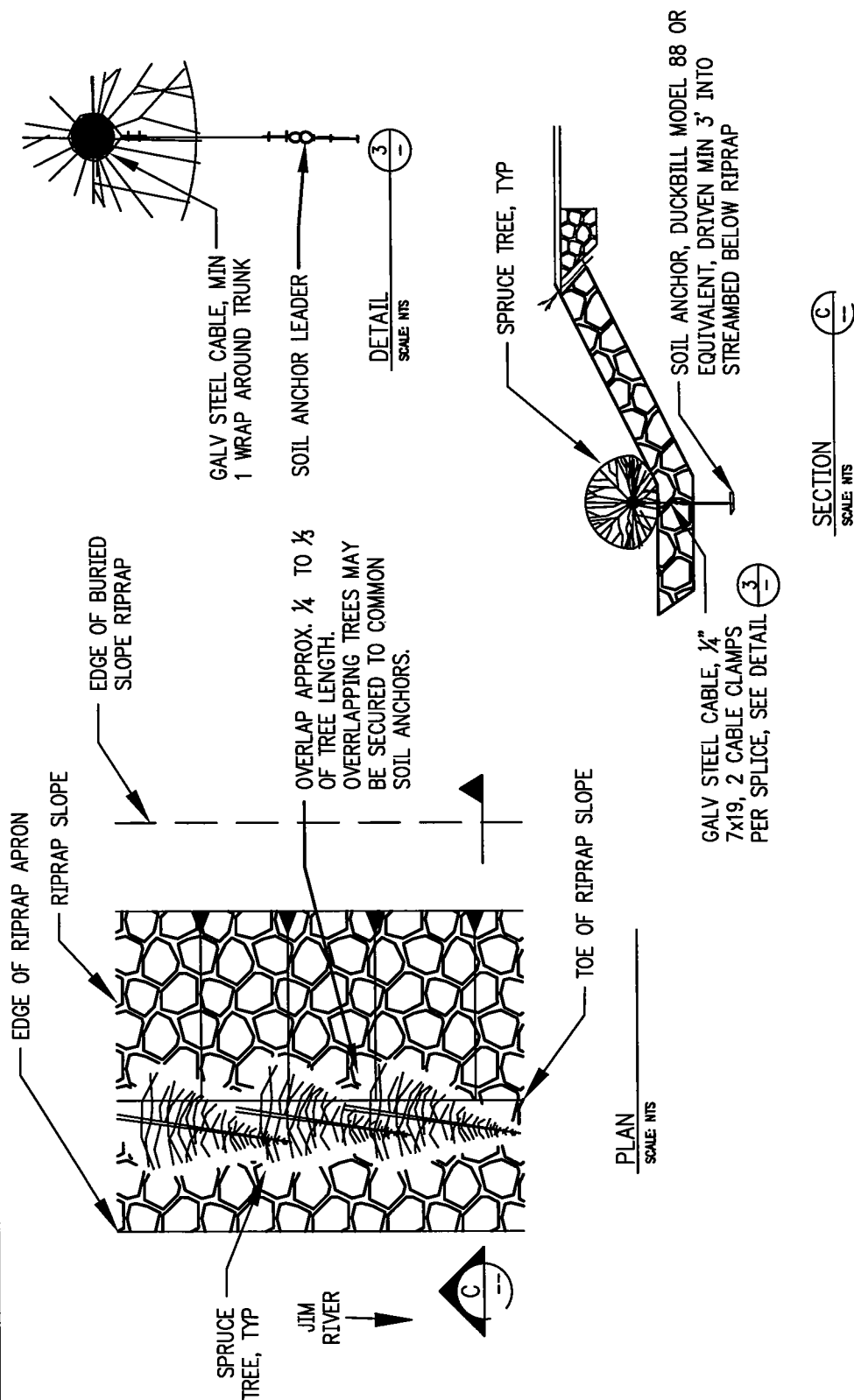


- NOTES:**
1. LIVE DIKES SHALL BE PLACED PERPENDICULAR TO THE TOP OF BANK WHERE TOP OF FILL PLACED BEHIND THE SLOPE RIPRAP EXCEEDS 5 FT HORIZONTALLY.
 2. LIVE DIKES SHALL BE SPACED APPROX. 25 FT C.C.
 3. AT THE DIRECTION OF THE PROJECT ENGINEER, A LIVE DIKE MAY BE CONSTRUCTED AT THE DOWNSTREAM END OF THE REVETMENT, ADJACENT TO THE EXIST TOP OF BANK AS SHOWN ON PLATE 2, TO PROTECT AGAINST EFFECTS OF FLOW INTO THE VEGETATED HIGH WATER CHANNEL SOUTH OF THE SITE.

PLMP 271.5 JIM RIVER
 PROPOSED REVETMENT
 "LIVE DIKE" PLAN & SECTION
 AT:
 SEC. 3, T23N, R14W
 FAIRBANKS MERIDIAN, ALASKA
 DATE: APR 04

Alyeska pipeline
 SERVICE COMPANY

PLATE 4
 REV 0



- NOTES:
1. SPRUCE TREES WILL BE HARVESTED FROM NEARBY APSC ACCESS ROAD ROWs IN A MANNER THAT MINIMIZES IMPACT TO THE AREA AND TREES.
 2. TREES WILL BE ANCHORED TO REVETMENT APRON WITH TIP-TO-BUTT OVERLAP, TIPS ON OUTSIDE.
 3. INSTALL 1 SOIL ANCHOR PER 30' OF TREE LENGTH, MINIMUM 2 ANCHORS PER TREE.

Alyeska pipeline
SERVICE COMPANY

PLMP 271.5 JIM RIVER
PROPOSED REVETMENT
LOG HABITAT PLAN & SECTION

AT:
SEC. 3, T23N, R14W
FAIRBANKS MERIDIAN, ALASKA

PLATE 5

REV 1

DATE: APR 04